

ABSTRACT OF THE DISCLOSURE

A refrigerant compressor has a hermetically tight compressor housing inside of which a piston-cylinder unit operates. A suction muffler through which refrigerant flows to the intake valve of the piston-cylinder unit is provided on the cylinder head. The inlet of the suction muffler has a cross section via which refrigerant flows into the suction muffler. A compensating volume is provided inside of which refrigerant oscillates and which is connected to the suction muffler and the interior of the compressor housing. The cross section of the inlet also acts as the connecting port between the compensating volume and the filling volume. The compensating volume is formed by an outer tube directed into the compressor housing, which tightly surrounds the intake port of the inlet while surrounding the section of the refrigerant suction pipe that is connected to the evaporator of the compressor and extends into the interior of the compressor housing.